

**MINNESOTA STATE COLLEGES AND
UNIVERSITIES*
ARTICULATION AGREEMENT
BETWEEN**

**Northeast Wisconsin Technical College
AND
Bemidji State University**

*The Board of Trustees of the Minnesota State Colleges and Universities is authorized by Minnesota Statutes, Chapter 136F to enter into Agreements and has delegated this authority to colleges and universities.

This Agreement is entered into between Northeast Wisconsin Technical College (hereinafter sending institution), and Bemidji State University (hereinafter receiving institution). This Agreement and any amendments and supplements, shall be interpreted pursuant to the laws of the State of Minnesota.

The sending institution has established a **Prototype & Design** (hereinafter sending program), and the receiving institution has established a **Project Management (Product Development Emphasis)** (hereinafter receiving program), and will facilitate credit transfer and provide a smooth transition from one related program to another. It is mutually agreed:

Admission and Graduation Requirements

- A. The receiving institution's admission and program admission requirements apply to both direct entry students and to students who transfer under this agreement.
- B. Students must fulfill the graduation requirements at both institutions.
- C. Students must complete the entire sending program and meet the receiving institution's admission requirements for the agreement to apply, including grade requirements for courses and an overall GPA requirement.

Transfer of Credits

- A. The receiving institution will accept 70 credits from the sending program. A total of 66 credits remain to complete the receiving program.
- B. Courses will transfer as described in the attached Program Articulation Table. For system institutions, once the courses are encoded, they will transfer as described in the "*Transferology*" audit.

Implementation and Review

- A. The Chief Academic Officers or designees of the parties to this agreement will implement the terms of this agreement, including identifying and incorporating any changes into subsequent agreements, assuring compliance with system policy, procedure and guidelines, and conducting a periodic review of this agreement.
- B. This Articulation Agreement is effective on 03/9/2017 and shall remain in effect until the end date of 03/08/2022 or for five years, whichever occurs first, unless terminated or amended by either party with 90 days prior written notice.
- C. The college and university shall work with students to resolve the transfer of courses should changes to either program occur while the agreement is in effect.
- D. This Articulation Agreement will be reviewed by both parties beginning 09/08/2021 (within six months of the end date).
- E. When a student notifies the receiving institution of their intent to follow this agreement, the receiving institution will encode course waivers and substitutions.

April 7, 2017

PROGRAM ARTICULATION TABLE

Check if the sending program _____ or receiving program _____ is new.

	College (sending)	University (receiving)
Institution	Northeast Wisconsin Technical College	Bemidji State University
Program name	Prototype & Design	Project Management (Product Development)
Award Type (e.g., AS)	Associates Degree	BS
Credit Length	70	120
CIP code (6-digit)	106142 (program code)	52.0211
Describe program admission requirements (if any)		

Instructions

- List all required courses in both academic programs.
- MnTC goal areas transfer to the receiving institution according to the goal areas designated by the sending institution.
- Do not indicate a goal area for general education courses that are not part of the MnTC.
- For restricted or unrestricted electives, list number of credits.
- Credits applied: the receiving institution course credit amount may be more or less than the sending institution credit amount. Enter the number of credits that the receiving institution will apply toward degree completion.
- Show equivalent university-college courses on the same row to ensure accurate DARS encoding.
- Equiv/Sub/Wav column: If a course is to be encoded as equivalent, enter Equiv. If a course is to be accepted by the university as a "substitution" only for the purposes of this agreement, enter Sub. If a course requirement is waived by the receiving institution, enter Wav. If a course is to be accepted by the university as a MnTC goal area, restricted elective or unrestricted elective, leave the cell blank.

(To add rows, place cursor outside of the end of a row and press enter.)

SECTION A - Minnesota Transfer Curriculum-General Education

College (sending)			University (receiving)			
course prefix, number and name	Goal(s) ¹	Credits	course prefix, number and name	Goal(s) ¹	Credits Applied	Equiv Sub Wav
Minnesota Transfer Curriculum-General Education						
ENGL10-801-136 English Composition 1		3	ENGL 1151 English Composition	1	3	Equiv
SOCS10-809-172 Intro to Diversity Studies		3	MNTC Goals 5, 7	5, 7	3	Equiv
SOCS10-809-166 Intro to Ethics: Theory & App		3	MNTC Goals 6, 9	6, 9	3	Equiv
SOCS10-809-198 Intro to Psychology		3	MNTC Goal 5	5	3	Equiv
COMM10-801-196 Oral/Interpersonal Comm.		3	MNTC Goals 6, 7	6, 7	3	Equiv
MnTC/General Education Total		15				

Special Notes, if any: Remaining liberal education requirements for a bachelor's degree may be completed at the college or university.

SECTION B - Major, Emphasis, Restricted and Unrestricted Electives or Other

¹ MnTC goal areas transfer to the receiving MnSCU college/university according to the goal areas designated by the sending college/university

(pre-requisite courses, required core courses, required courses in an emphasis, or electives (restricted or general) within the major). Restricted electives (in Major) fulfill a specific requirement within a major. Example A: "Chose two of the following three courses;" Example B: A Biology degree may require 40 science credits (20 credits of required courses + 20 credits of listed related courses, such as botany, genetics, microbiology, etc. which students can select).

Major, Emphasis, Restricted, Unrestricted Electives or Other Courses				
MATH10-804-107 College Mathematics	3	Technical Credit	3	
MATH10-804-118 Intermediate Algebra w/Apps	4	Technical Credit	4	
ORIE10-890-101 College 101	1	Elective Credit	1	Equiv
MACHTOOL10-420-151 Prototype Machine Tool	3	TADT 1220 Introduction to Manufacturing Processes II	3	Equiv
DRAFT10-606-113 CAD ARCHTECH10-614-113 2D Essentials ARCHTECH10-614-152 Prototyping-Introduction to	9	TADT 1460 2D Graphics And Laser Etching (3 Cr) TADT 1450 Introduction to Product Development (3 Cr) TADT 1210 Introduction to Manufacturing Processes I (3 Cr)	9	Sub
METL10-442-153 Prototype Metal Fabrication	2	General Elective Credit	2	
ARCHTECH10-614-235 CNC Mach/2D Prog-Intro	3	BUAD2280 Computer Business Applications	3	Sub
ARCHTECH10-614-238 Prototype SolidWorks Modeling	3	TADT 2461 Parametric 3D Modeling	3	Equiv
ARCHTECH10-614-276 Model Finishing (3 Cr) and ARCHTECH10-614-239 Prototype Career Prep (1 Cr)	3	TADT 2450 Product Finishing & Aesthetics	3	Equiv
ARCHTECH10-614-138 CNC Machining-Adv	3	TADT 3462 Computer Controlled Machining	3	Equiv
ARCHTECH10-614-233 Architectural Model Design (4 CR) and ARCHTECH10-614-234 Molding Process & Techniques (5 Cr)	9	TADT 4875 Facilities Management (3 Cr) TADT 2877 Engineering Problem Solving (3 Cr)	9	Sub
ARCHTECH10-614-236 Rapid Prototype & Additive Mfg	2	General Elective Credit	2	
ARCHTECH10-614-143 Prototyping Solutions Advanced or ARCHTECH10-614-139 Prototype & Design Internship	5	TADT 3970 Internship (1 Cr) and TADT 4970 Internship (2 Cr) and General Elective Credit (2 Cr.)	5	Sub
ARCHTECH10-614-174 Models-Machine	2	General Elective Credit	2	
ARCHTECH10-614-237 Engineering & Mfg Processes or ARCHTECH10-614-195 Model Building Internship	3	General Elective Credit	3	
Major, Emphasis, Unrestricted Electives Total	55	Total College Credits Applied (sum of sections A and B)	70	

Notes: TADT 3462, TADT 3970, TADT 4970, and TADT 4875 (9 Credits) all count toward the 40 upper division credits needed for graduation.

SECTION C - Remaining University (receiving) Requirements

course prefix, number and name	Credits
Credits to complete (42 Cr.) liberal education and/or (120 Cr.) graduation requirements.	27
TADT Common Core (12 Cr)	
TADT 1111 Introduction to Project Management	3
TADT 3267 Economic and Cost Analysis	3
TADT 4385 Sustainability and Emerging Technologies	3
TADT 4873 Emphasis Related Capstone	3
TADT 4878 Quality Assurance	3
PROJECT MANAGEMENT CORE COURSES (9 Cr)	
TADT 3112 Leadership in a Team Environment	3
TADT 3885 Technical Sales, Service and Training	3
TADT 4893 Applied Project Management	3
ACCT1101 Principles of Accounting I	3
BUAD2220 Legal Environment	3
PRODUCT DEVELOPMENT EMPHASIS (9 Cr)	
TADT 3470 Concept to Prototype Model	3
TADT 3537 Industrial Design/Innovation	3
TADT 4589 Advanced Prototype Project	3
Total Remaining University Credits²	66

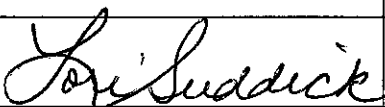

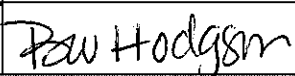
Special Notes, if any: Students transferring from the college under this agreement may substitute in TADT 3111 Applied Project Management for TADT 1111 Introduction to Project Management with advisor approval.

SECTION D - Summary of Total Program Credits

College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	15		
Major, Emphasis, Unrestricted Electives or Other	55		
Total College Credits	70	Total College Credits Applied	70
		Remaining credit to be taken at the university (receiving institution)	66
		Total Program Credits	136

Special Notes, if any:

² At least 40 of the required credits for the baccalaureate degree shall be at the upper-division level. If a lower division course is shown as equivalent to an upper division course, check with the university to determine if it will count toward the 40 required credits of upper division.

College	Name	Signature	Date
Chief Academic Officer			
Vice President of Learning	Lori Suddick		6.1.17
Title			
University	Name	Signature	Date
Chief Academic Officer			
Provost and Vice President for Academic and Student Affairs	Dr. Michael Anderson		5.25.17
Title			
DARS Encoder	Beverly Hodgson		5/24/17
Date when equivalencies were verified/encoded in DARS by the receiving MnSCU institution.			